Integral University, Lucknow
Integral Institute of Agricultural Science and Technology
Evaluation Scheme of Undergraduate program
w.e.f. Session 2020-2021
B. Tech. Agricultural Engineering
Semester – V

Course Code	Course Title	Periods Per h/week/sem			Evaluation Scheme Theory sem			Evaluation Scheme Examination Sessional			End sem exam	Practical Sub Total (sessional + exam)	End sem Theory Exam	Subject total	Credit	Total Credit Points	Attributes							United Nations Sustainable Development Goals (SDGs)
							Mid										Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
		L	T	P	CT	TA	Total	CT	TA	Total	Total													
AE355	Tractor Systems and Controls	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√					
AE356	Agricultural Structures and Environmental Control	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√		√			
AE357	Post Harvest Engineering of Cereals, Pulses and Oil Seeds	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√					12
AE358	Soil and Water Conservation Engineering	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√		√			7
AE359	Watershed Planning and Management	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√	√	√		√			
AE360	Drainage Engineering	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√		√		√			
AE361	Renewable Power Sources	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√		√			7, 12
AE362	Skill Development Training-I	0	0	10	-	-	-	-	-	-	-	-	-	100	0:0:5	5	√	√	√		√			
	Total															24								

Integral University, Lucknow
Integral Institute of Agricultural Science and Technology
Evaluation Scheme of Undergraduate program
w.e.f. Session 2020-21
B. Tech. Agricultural Engineering
Semester – VI

Course Code	Course Title	Periods Per h/week/sem			Evaluation Scheme Theory Mid sem			Evaluation Scheme Practical Examination — Sessional			End sem exam	Sub Total (sessional + exam)	End sem Theory Exam	Subject total	Credit	Total Credit Points	Attributes							United Nations Sustainable Development Goals (SDGs)
		L	T	P	CT	TA	Total	CT	TA	Total	Total						Employability	Entrepreneurship	Skill Development	Gender Equality	Environment & Sustainability	Human Value	Professional Ethics	
CA342	Computer Programming and Data Structures	1	0	4	10	10	20	5	5	10	20	50	50	100	1:0:2	3	√	√	√					
AE365	Farm Machinery and Equipment-II	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3			√					
AE366	Post Harvest Engineering of Horticultural Crops	1	0	2	10	10	20	5	5	10	20	50	50	100	1:0:1	2	√	√	√					12
AE367	Water Harvesting and Soil Conservation Structures	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√		√			6
AE368	Groundwater, Wells and Pumps	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√		√		√			6
AE369	Tractor and Farm Machinery Operation and Maintenance	0	0	4	-	-	-	5	5	10	90	10	-	100	0:0:2	2	√	√	√					
AE370	Dairy and Food Engineering	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√	√	√					2, 12
AE371	Bio-energy Systems: Design and Applications	2	0	2	10	10	20	5	5	10	20	50	50	100	2:0:1	3	√	√	√		√			7, 12
AE372	Skill Development Training-II*	0	0	10	-	-	-	-	-	-	-	-	-	100	0:0:5	5*	√	√	√				√	
Total																23+5*=27								

*During summer break